

T4-PC-1 CONNECTOR

PRODUCT OVERVIEW

T4 connectors use high quality materials that guarantee long- term reliability. Lower contact resistance and higher current transfer capability ensure high product efficiency. T4 connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 90 °C.

CERTIFICATIONS

UL 6703: CSA

IEC 62852: TÜV-SÜD

RoHS, REACH, NEC, PAHS and Halogen-free compliant
(no locking sleeve required)

ELECTRICAL DATA

Rated Voltage	IEC 1500 VDC & UL1500 VDC
Rated Current	48A (4 mm ²) / 32A (12 AWG) 54A (6 mm ²) / 32A (10 AWG)
Contact Resistance	≤ 0.25 mΩ
Pollution Degree	Class II
Protection Class	Class II
Protection Degree	IP68 (when mated)
Fire Resistance	UL 94-V0
Temperature Range	- 40 °C ~ + 90 °C
Rated Impulse Voltage	16 kV



Male connector (-)



Female connector (+)



Conductor Cross Section	IEC: 4 mm ² / 6mm ² ;
Connector System	Φ 4.0 mm
Contact Material	Copper, Tin-plated
Type of Termination	Crimping
Locking System (UL)	Locking type

T4 Disconnect Tool for Canadian Solar T4 Connectors - Disconnect Tool



This is a multi-purpose tool for T4 solar connectors. Can be used to disconnect mated T4 connectors or for cable assembly as a wrench. Two tools are recommended for assembly purposes.